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ABSTRACT

Doctoral theses completed and doctoral theses underway in the subject area of instructional technology are listed in this bibliography under the subtitles of audio literacy, audiovisual techniques, computers in education, library media, media training, programmed instruction, projected materials, simulation and games, systems approach, television, and visual literacy. The bibliography was assembled to prevent duplication in studies and to encourage cooperation in research. (MF)

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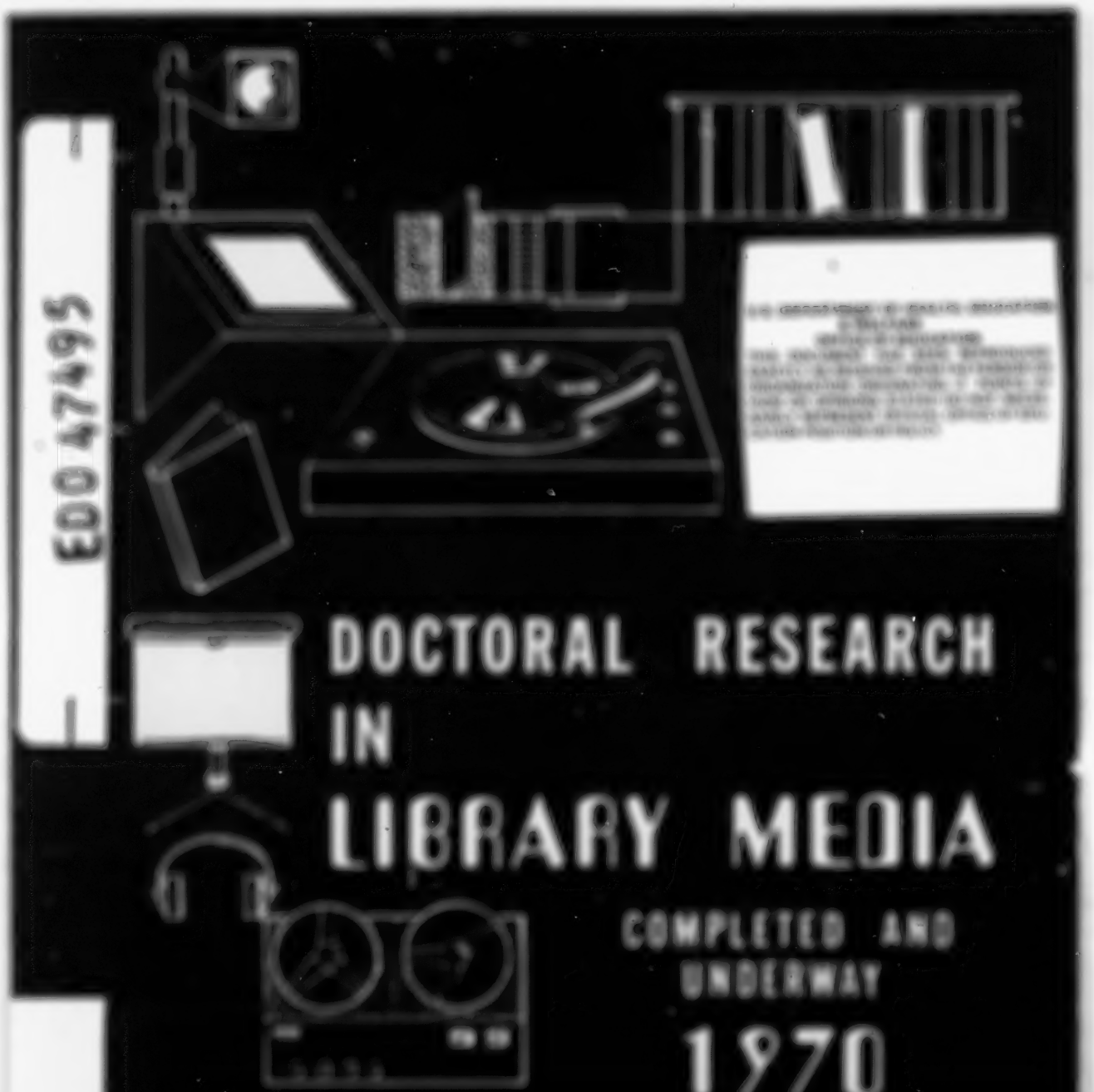

DOCTORAL RESEARCH IN LIBRARY MEDIA

COMPLETED AND UNDERWAY

1970

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Doctoral Research in Library Media
Completed and Underway

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PURPOSE

The purpose in assembling the material in this booklet is to make recent doctoral research utilizing media in research more readily available to the doctoral student, his advisor and other researchers.

We feel that having theses titles available in this format may serve several purposes:

1. It may prevent duplication of studies which could cause embarrassment and even delay in writing a dissertation.
2. It may stimulate cooperation between students of different institutions who are working in the same or related areas of study.
3. It may aid in creating ideas for new topics.
4. It will show the wide use of instructional technology in education and thesis research.

This booklet is divided into two basic parts, one, titles of theses completed and two, titles of theses underway. One follows the other within each section. Putting all titles together in this way will, hopefully, make reference easier. We have tried to include within the various sections all dissertation titles related to the topic.

R.L.A. & J.L.N.

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Theses completed

Adams, Francis Jeremiah. Evaluation of a listening program designed to develop awareness of propaganda techniques. Boston University.

Austin, Bernice Lee. Listening comprehension, auditory discrimination, and first grade reading achievement. University of Chicago.

Booker, Harold Wayne. Auditory discrimination performance as a criterion measure for aptitudes. University of Illinois.

Bland, Rose Beatrice. Effect of auditory discrimination on reading achievement as predicted by reading readiness scores. University of Virginia.

Brisbane, Charlotte Ann. Experimental analysis of auditory discrimination skills in the developmental structure of pre-school children. University of Colorado.

Bruton, Mark Robinson. A study of the effectiveness of teaching listening. East Texas State University.

Cibbarelli, Vincent C. An analysis of the effect of teaching rational number concepts and operations through prerecorded magnetic tape. University of Connecticut.

Fenner, Herbert L. Student-teacher and listening comprehension. Columbia University.

Gottschall, Alan. The effects of an environment-oriented radio program on measures of listening comprehension and student attitude made in level II high school Spanish courses. Ohio State University.

Bowers, William Frederick. The effectiveness of direct and indirect instruction in listening on college freshmen. University of Texas.

Brenna, Jack Allison. First grade reading incorporating a listening center. University of California, Berkeley.

Crosswood, David E. The effect of learning a set physical work and physical fitness on auditory retention. University of New Mexico.

Dunbar, Doris Dawson. A hierarchy of skills in listening comprehension and reading comprehension. University of California, Berkeley.

Hill, Matthias Smith. Most comfortable listening levels for males. Columbia University.

Jones, Robert Thomas. The effect of multi-channel audio stimuli on learning efficiency. Syracuse University.

Orell, Richard W. Effect of training in listening to spoken discourse on listening comprehension. University of Connecticut.

Lewis, Donald Emerson. A study of the effect of teaching specific listening skills on the reading performance of seventh grade students. Boston University.

Lutz, Nancy Cole. The effects of organizational ability general listening ability, and sentence arrangement on listening comprehension of second-grade pupils. New Mexico State University.

Meyer, Gerald C. An examination of the effects of stimulation of oral language and listening skills on rural disadvantaged primary school children: As they relate to readiness and mental ability. University of Wyoming.

Folman, Steven G. The effects of reinforcement cards [illegible] on comprehension. Boston University.

Peterson, Mark Kenneth. An experimental study of the effects of cued listening on the behavior of problem children. Boston University.

Rinaldo, Ralph. An experimental pupil program to improve sensitivity to harassment. Arizona State University.

Rose, Frank. The effects of added pause time upon the comprehensibility of compressed speech. Michigan State University.

Sachs, Susan Jane. Dialogue, auditory discrimination and phonics skills. Reading University.

Stevens, Kneiengell Corporation. An experimental study of the effects of radio upon the retail sales audience. University of Oregon.

Spalding, Margaret Ruth. The effectiveness of cued recordings with principles of the Language Arts group in coping with sentencing cards. Columbia University.

Stoffer, Patricia Paula. Comprehension of compressed and expanded speech by emotionally disturbed children. Georgia Peabody College for Teachers.

Taylor, Ralph Clinton. An investigation of the value of drill on arithmetic fundamentals by use of tape recordings which combine techniques developed in language laboratories with principles of programmed learning. University of Southern California.

Thomas, Bennie Lee. Family relationships as a factor in reaction to delayed auditory feedback. University of Oregon.

Rankin, Frank Carnine. A method for developing recommended instruction in psychiatric nursing. Columbia University.

Reif, Gold Gordon. Dyslexic children: A study of their responses to auditory stimuli. Boston University.

Reviere, Alice Leslie. A content of the use of the records in general music education in the United States. Colorado State University.

Theses underway

Alexander, Lorre Jack. An experimental investigation of the listening time as it relates to the controversial materials used on the tape-based dial access system at Oklahoma Christian College. Oklahoma State University.

Allison, Thomas. A comparison of reinforcement activities for listening comprehension skills. Syracuse University.

Barrows, Robert. The relationship of audio tape playback to client perception of counseling and client behavior change in a secondary school setting. State University of New York College at Albany.

Booth, Dennis D. Recognition of classroom or consonant information via taped audio with self-review as a variable in counseling classes. North Texas State University.

Breland, Richard G. Listening and listening-reading on two rates of presentation by fifth grade pupils. Syracuse University.

Duncan, Patricia. The effect of auditory model training on the reading achievement of third grade disabled readers. University of Georgia.

Dirlam, Grace. A study of coordinated research in radio among managers of commercial and educational FM stations. Syracuse University.

Greene, Robert. A history of radio on the Ohio State University of the air. Syracuse University.

Greene, Edwin. An evaluation of the effect of commercial background music in engineering graphics classes. Texas A & M College.

Harlan, Thomas Wayne. A comparison of two types of activities in elementary science classes by analysis of tape recordings. University of Missouri.

Jarvis, Mrs. E. H. Auditory patterns of primary school children. University of Toronto.

Lundgren, Robert E. The effects of listening training on combat listening and discussion skills. Stanford University.

Myers, Doris Peter. The effect of extraneous auditory stimuli on the performance of a complex task by disturbed and non-disturbed youngsters. University of Connecticut.

Reynolds, Richard. The development of auditory discrimination skills in kindergarten children. University of Connecticut.

Parker, G. Gandell. Effect of rate of compression and mode of presentation of the comprehension of a recorded communication by junior college students of varying aptitudes. North Texas State University.

Rucco, Frank. The effect of the addition of processing time upon the comprehension of rapid speech. Michigan State University.

Gardiner, Joyce. Short-term and long-term retention effects of adjunct questions in audio discourse: An extension of research on mathemagenic behavior. University of Colorado.

Gutmacher, Carol. An analysis of listening experiences. University of Illinois.

Hansen, Robert Brandler. Contextual placement and temporal duration of pauses as factors in improving listening comprehension of high speed speech. University of California, Berkeley.

Hansen, William Joseph. An exploratory study of the effects of pre-recorded lessons for the substitute teacher. Wayne State University.

Hoag, Wayne. Comparative study of non-verbal and verbal media relative to student aptitudes. Florida State University.

Holden, Charles. Comparisons of the conventional speech methods and the self-improvement method: Two techniques for increasing the rate of reading of sixth grade gifted pupils. University of Pennsylvania.

Hornby, Dieter Jeanne Rhoads. The effect of rate of oral presentation of narrative materials on the auditory comprehension of slow learners. Columbia University.

AUDIOVISUAL TECHNIQUES: NON-PATTERSON

Theses completed

Benton, John F. The effect of group administration of selected individual tests of language, visual perception, and auditory perception to kindergarten, first-, second- and third-grade children. Catholic University.

Bellard, John G. Generalization of aural and visual nonverbal stimuli in a concept-association task. Syracuse University.

Brewer, Donald Robert. A feasibility study of communication satellites for education in the United States. University of Tennessee.

Brzezicka, Robert Henry. Relationship of auditory and visual perceptual strengths to methods of teaching word recognition among disadvantaged Negro boys. George Peabody College for Teachers.

Bumgarner, Dona Jean. A comparison of the multimedia and conventional approaches to teaching remedial reading. University of West Virginia.

Bunker, David Kenneth. A comparison of auditory, visual, and electrocutaneous displays in a vigilance task. State University of South Dakota.

Bullman, John Malinda. Administration of audio-visual aids and judged effectiveness of aids in teaching high school chemistry. Pennsylvania State University.

Bunce, Lynn Bird. The uses of instructional technology at the University of Utah. University of Utah.

Burrell, Margaret Eleanor. The construction of an audio-visual instrument to be used as means of identifying elementary school teachers who are superior in evaluating science instruction. Boston University.

Friedman, Robert M. The relationship between the retention level of orally and visually presented science material to selected fifth grade students. New York University

Gualtieri, Edward Bernard. A comparison of the whole versus part method of instruction using an audio-visual presentation. East Texas State College.

Gallaher, Joseph William. A feasibility study of local field trips taken vicariously through slide-tapes. Ohio State University.

Hanson, Robert Sullivan. Machines can be teaching data processing concepts. Colorado State University.

Harmon, James Stephen. Effects of a multi-media environment in college level electronics. Colorado State University.

Hastings, William Kenneth. The effectiveness of a multiple media approach in teaching certain concepts in high school chemistry. Indiana University.

Jenkins, John David. An experiment to determine the effectiveness of slides and audio-tapes for presenting manipulative demonstrations in graphic arts. A & M College of Texas.

Kelley, Donald E. The use of public information media by public junior colleges in nine southeastern states. University of Mississippi.

Kervin, Victor M. Machtilda. The evaluation of an auto-instructive, audio-visual aid for the educable mentally retarded. Wayne State University.

Klenton, Stephen Edward. The effectiveness of selected educational media in disseminating knowledge of the care and prevention of injuries to locomotive feet to diabetics of different educational levels. Louisiana State University.

Krause, Lydia. The effect of study trips followed by discussion on vocabulary development of kindergarten children. University of the Pacific.

Evans, Libby Barbara. The relationship among free association verbal behavior, socioeconomic status, and mode of stimulus presentation in kindergarten and fifth grade children. New York University.

Lindor, Donald. The comparative effectiveness of auditory and visual sensory presentations on immediate sequential recall tasks in slow reading second grade Negro males. University of Florida.

Lambert, Emmett Ephard. Multi-channel, multi-image teaching of synthesis skills in eleventh grade United States History. University of Southern California.

Magliano, Frank Daniel Jr. An experimental study of the use of carnival maps as orientation and mobility aids for adult blind subjects. University of Illinois.

Robertson, William Frank Jr. A program of instruction in fundamental rhythm, using the language master, an audio-visual instructional device. University of Alabama.

Williams, Mary E. The use of music as an aid in teaching the Gettysburg Address. University of Iowa.

Hottle, Clyde D. Jr. Information as a constraint in human communications systems. Michigan State University.

Nichols, Edith G. The effects of multisensory perceptual training on reading and perceptual development at the first-grade level. North Texas State University.

Fox, Beatrice L. The effects of a multisensory program in reading upon second grade pupils. University of California, Berkeley.

Rowe, John Richard. The effect of multi-stimuli presentations on learning gain. Catholic University.

Parente, Robert Lee. A comparative study on the effectiveness of the cross-media approach, programmed text, and conventional method for teaching of Manual 50-56, drill and ceremonies. Texas Technological College.

Rikard, Tate. A comparative study of the effectiveness of two modes of instruction and their influence upon the behavioral objectives of the course. University of Pittsburgh.

Ritchie, Sheldon Harold. A developmental study of the effect of auditory and visual language input on the conceptual ability and memory efficiency of culturally disadvantaged children. University of Tennessee.

Rizk, Abdelmonem. The relative effectiveness of a multimedia approach to learning access. University of Kentucky.

Schaffernoski, Charles Archie. The development of an audiovisual instrument for recruitment in adult education. Arizona State University.

Silber, Kenneth Herbert. An experimental study of the degree of affective response elicited by several mediated and nonmediated instructional methods. University of Southern California.

Siller, Harry. The relationship of auditory-visual integration to reading disability in adolescents. New York University.

Simpson, James Leroy. Effects of auditory-visual, motor-memory, and direction variables upon total body reaction time and total body movement time. Indiana University.

Smith, William R. A study of audiovisual utilization in the elementary school social studies methods course in the Pennsylvania State Colleges. Pennsylvania State University.

Thede, Kenneth Paul. The relationship of audio-visual materials, equipment and techniques utilization to perceived instructional effectiveness of teachers of educable mentally retarded children. Texas Technological college.

Thompson, William Parkhurst. A study of the Lasswell paradigm as related to current systems development in human communication. Syracuse University.

Young, William Harold. An experimental comparison of the effects of a film slide-audio tape and a printed brochure on factors related to a career in industrial arts teaching. University of Missouri.

Theses underway

Bell, Frederick Thomas. The relative dominance of iconic and symbolic categorization in the first, third, and fifth grades. Cornell University.

Bordeaux, Elizabeth Ann. Auditory and visual readiness factors related to reading achievement in first grade based on three methods of instruction. University of North Carolina.

Brown, A. S. Negative feedback and visual-motor co-ordination. University of Toronto.

Christmann, Joseph F. An evaluation of the effectiveness of four instructional media in teaching Arc Welding at the university level. North Texas State University.

Compton, Carolyn Lee. The interaction between intersensory integration processes and single-modality vs. multi-modality reading techniques in children with reading disability. Stanford University.

Crow, Mary Lynn. An investigation of structured visual, structured aural, and unstructured group counseling techniques with elementary school students. North Texas State University.

Davis, Henry. A study of educational audio equipment in open plan schools. University of Tennessee.

Dixon, Frank. Identifications of visual and auditory perceptual abilities and varying reading materials and methods, and the relationships of these with reading achievement. Rutgers State University.

Estenson, Clement. A comparison of the effect of adjunct questions on learning through auditory and visual modalities with rate of presentation controlled. Rutgers State University.

Hicks, Sid Wallace. A study of perceived resemblances between selected aural and visual works of art. University of California, Berkeley.

Keller, Harold Rice. An analysis of the achievement gains of students who have access to an abundant supply of readily accessible audiovisual materials and equipment. Colorado State University.

Kolb, Ralph E. The effect of communication channel variations on voter response. University of Georgia.

Lagerwall, Gary R. The effects of presentation modality and attending preference on learning and recall. Pennsylvania State University.

Rheinberg, Norman. Comparison of effectiveness in a multisensory method of improving reading achievement compared with other methods. Columbia University.

Salome, Alfred Baron. Effects of instructional media in teaching beginning orientation. University of Illinois.

Warren, Rachel L. Some relationships between visual responses and verbal understanding. Pennsylvania State University.

Nelson, Jean. The effect of visual-auditory modality preference on learning mode preference in first grade children. University of Pittsburgh.

Rummel, Steven. A study to determine if audio visual materials designed for students in a developing nation are equally effective when used with students in inner schools of the United States. Michigan State University.

Thompson, Barbara B. The interaction of verbal and visual stimuli: A study of the counseling process. University of California, Berkeley.

Ulbach, Dale. A comparative study of the effectiveness of two modes of instruction and their influence upon the behavioral objectives of the course. University of Pittsburgh.

Welch, Mary C. Transmission of visual, auditory, and tactile information in teaching nurses. University of Maryland.

Weldon, Alice L. The effects of reading in auditory and visual discrimination on reading readiness in the culturally disadvantaged. Lehigh University.

Zimmerman, Patricia. The effect of selected audio-visual aids on the learning of volleyball and badminton skills by college women. University of Iowa.

AUDIOVISUAL TECHNIQUES

TUTORIAL AND INDIVIDUALIZED INSTRUCTION

Theses completed

Gaulke, Donald James. Slide-tape self-instruction vs. traditional group demonstrations in teaching college level metal-work. University of Missouri

Baker, Sandra. Assessment of a system of individualized reading instruction. University of Wisconsin.

Behrman, Gary L. A paired learning experiment in elementary science using auto-instructional materials on the process of measurement. University of Georgia.

Benham, Joe Wayne. An experimental comparison of self-paced instructional materials versus the traditional method in teaching welding safety. East Texas State College.

Bucco, Franklin Eugene & Pritchett, Gary L. The effect of audio-tutorial and programmed instruction laboratories on achievement in accounting principles. Colorado State University.

Byrd, Frederick Ross. The development and testing of a self-instructional system designed to introduce Gregg Shorthand Theory. Washington State University.

Capps, Paul Lindel. The effectiveness of a self-instructional approach to teaching a college French diction course for vocal music students. North Texas State University.

Edwards, Donald E. An experimental study in the teaching of business machines utilizing an audio-visual tutorial laboratory approach with continuous-loop sound films. Michigan State University.

Fant, Barbara Jean. The "talking typewriter" in a program for adult disadvantaged. University of Florida.

Farney, Gary A. An evaluation of a program for learning in accordance with hands. Washington State University.

Hankerson, Harry. An investigation of the relationships between selected psychological characteristics of students and performance in audio-tutorial genetics. Syracuse University.

Bonfield, Darrell. A close-read study of the effects of an individualized learning center on students' attitude and achievement. Utah State University.

Bonning, George Delmar. Improving preparation of teachers through self-study: An experiment with guided film recordings in an English methods class. Colorado University.

Bonham, Paul D. Audio-tutorial biology in Lyman Briggs College at Michigan State University. Michigan State University.

Johnson, Douglas Henry. The development of objectives and evaluative devices for an individualized program in chemistry at the Utah Technical College at Provo. Brigham Young University.

Johnston, Arthur Eugene. Audio-tutorial versus traditional instruction in seventh grade mathematics in the Provo Junior High School. Utah State University.

Kennicot, John Andrew. Evaluation of an audio-visual tutorial laboratory serving college-level introductory geology. Ohio State University.

Kerner, Kenneth Philip. A study to determine the usefulness of self-paced instruction versus fixed-paced instruction and its effect on learning audio-tutorial machine operation. Boston University.

Kolevzon, Walter D. An experimental study to evaluate the effectiveness of an individualized instructional method and the lecture-discussion method for teaching vocational agriculture classes. Michigan State University.

Moses, Raymond. A study of the establishment and operation of a ninth grade center for individualized instruction in a metropolitan school system. University of Pennsylvania.

Blankenbaker, Lloyd Emerson. An individual progression approach to the elementary student teaching semester as related to the role of the college supervisor. Northern Illinois University.

Bonner, Paul H. A study of the effectiveness of an independent study program for a beginning course in earth science. Syracuse University.

Bonner, Phil Edward. The development and validation of a series of self-instructional modules in laboratories analysis. Ohio State University.

Bonner, William Randall. An exploratory study of auto-instruction in early learning experiences utilizing educational-learning-module. University of Georgia.

Bonner, Gayle Byron. An evaluation and analysis of audio-tutorial instruction in a general education biology course. East Texas State College.

Bolin, Philip Hamer. A synthesized audio-visual approach to independent study in an 8th grade 9-12. Columbia University.

Williams, William R. An experimental investigation of individualized instruction in the teaching of quantitative physical science. Duke University.

Theses underway

Bramley, Betty E. Effect of a tutorial program on language development of Head Start children. Florida State University.

Brown, Ralph Dalton. The utilization of techniques for more individualized instruction for the educable mentally retarded student in the junior high school. East Texas State College.

Chesler, Edward. A comparison between an individualized science approach and a traditional textbook approach to science instruction in terms of gain scores on three tests. Lehigh University.

Close, Roy. Content selection based upon individually prescribed instruction for a course in middle school exploratory music foundations: Step three of Hilda Taba's sequence of steps for curriculum planning. State University of New York at Buffalo.

Duncan, John R. The effects of individualized instruction on subject matter achievement and personality. Stanford University.

Edwards, Ronald. An experimental study in the teaching of business entrance utilizing an audio-visual-tutorial laboratory approach with continuous-loop sound films. Michigan State University.

Hershberger, Ronald. Rationale and design of an individualized mathematics curriculum for associate degree students in business. University of Pittsburgh.

Hoke, Eugene G. The design and development of a model automated university instructional management system for individualized competency-based education programs. Washington State University.

Kennig, Herbert C. The effects of individualized reading activities on science achievement. University of New York at Buffalo.

Lien, James. Design and implementation of a model for the design of instruction: Rationale for an individualized program at the university level. Florida State University.

Pannier, John Andrew. Evaluation of an audio-visual tutorial laboratory serving college-level introductory zoology. Ohio State University.

Robertson, William Frank Jr. A program of instruction in fundamental rhythm, using the language master, and audio-visual instructional device. University of Alabama.

Robley, Gary. Experimental evaluation of audio tutorial instruction in vocational agriculture. Iowa State University.

Rood, Richard F. Achievement in audio-tutorially taught college biology under varied attendance requirements. University of Georgia.

Roe, Urban T. An experimental study of the effectiveness of an individualized learning method compared to a lecture discussion method. Michigan State University.

Rowsell, Richard W. Development and evaluation of audio-tutorial programmed instruction in concepts of ecology and conservation, as a method for preparing children for meaningful field experiences. Cornell University.

Roark, Donald W. The development and evaluation of a self-instructional program to facilitate upper elementary school children's aural-visual perception of music education. Pennsylvania State University.

Romanoff, Mary L. A self-instructional program for the development of musical concepts in preschool children. Pennsylvania State University.

Rowbotham, Neal Dean. The comparison of an auto-tutorial laboratory and a traditional laboratory in physical science. University of Arkansas.

Rydlon, Joseph. The effect of an eclectic curriculum and individualization of instruction on cognitive and perceptual functioning of children manifesting a developmental lag at the kindergarten level. Fordham University.

Stefanich, Gregory P. Introductory chemistry through individualized instruction. University of Montana.

Stiles, Richard L. A model for evaluating individualized instructional strategies. Washington State University.

Walker, Frederic E. A comparison of an individualized and a group-directed system for teaching spelling in eighth grade. Columbia University.

COMPUTERS IN EDUCATION

Theses completed

Archambault, Francis X. A computational approach to the grading of creativity tests. University of Connecticut.

Bingham, Sidney W. Teaching computer science in the secondary school. Utah State University.

Bond, Donald Edward. The practice of shared time in Ohio schools. Ohio State University.

Brown, Kenneth. The relation of intelligence and achievement using computer-assisted instruction. University of Alberta.

Butler, John Kenneth. A digital computer system for the automation of student personnel records. University of Tennessee.

Christopher, George Donald. The influence of a computer assisted instruction experience upon the attitudes of school administrators. Ohio State University.

Culp, George Hart. An approach to the use of computer-assisted instruction in organic chemistry. University of Texas.

Dunsmore, Diane. The role of the junior college in computer systems training for business data processing. University of California, Los Angeles.

Echeverria, Eleanor Foley. Menu planning by computer: The random approach to planning for consumer acceptability and nutritional needs. Kansas State University.

Edwards, John S. A model computer assisted information retrieval system in music education. University of Georgia.

Ferguson, Richard L. The development and application of computer assisted branched testing to the program of individually prescribed instruction. University of Pittsburgh.

Fiedler, Leigh Allen. A comparison of achievement resulting from learning mathematical concepts by computer programming versus class assignment approach. University of Oklahoma.

Gillon, Walter King. The implementation and evaluation of a computer-based career information system. Harvard University.

Grimes, Peter S. The effect of the size of an information block upon several dependent learning variables in computer assisted instruction. University of California, Berkeley.

Gunn, Robert Duane. An analysis and development of a computer science program for use in secondary school mathematics. Oklahoma State University.

Hemingway, Thomas Sylvester. The effect of computers on the legal status of confidentiality as related to public school counselors. University of Oregon.

Harlene, William Glenn. The use of computer-assisted instruction to test the total time hypothesis in verbal concept learning. University of Oklahoma.

Harper, Ronald B. An analysis of planning and evaluation guidelines relevant to a planning-programming-budgeting system for first class school districts of the state of Washington. Washington State University.

Jordan, Kenneth Floyd. An analysis of the content of computer technology with implications for technical education. University of Missouri.

Kleven, Thomas Orvin. The computer as a teaching aid for eleventh grades mathematics: A comparison study. University of Minnesota.

Limstrom, Robert T. An application of computer technology to educational administration. University of Massachusetts.

Litofsky, Barry. Utility of automatic classification systems for information storage and retrieval. University of Pennsylvania.

Long, Harvey Glenn. A determination of the relation of the total time for course completion to the duration of the study interval in teaching via computer assisted instruction. New York University.

Love, William T. Paired versus individual learning of an abstract algebra presented by computer assisted instruction. Florida State University.

Lowery, Alice Hadley, & E. D. Major. A study of computer assisted multi-media instruction augmented by recitation sessions. Florida State University.

Ma, Cynthia. A computational system for designing school bus routes. Florida State University.

Hagruder, Donald E. A model for the utilization of electronic data processing for the retrieval of educational personnel data. Florida State University.

Marcotte, Donald E. A computerized contingency analysis of content graded essays. University of Connecticut.

Mulcrochie, Jean Alice. Simplicity and complexity in scientific writing: A computer study of engineering textbooks. Columbia University.

McIntosh, William Alexander. A study of relationships between selected personal characteristics and computer assisted instruction. North Carolina State University at Raleigh.

Nagel, Thomas S. A descriptive study of cognitive and affective variables associated with achievement in a computer-assisted instruction learning situation. Michigan State University.

Price, Samuel T. The development of a thesaurus of descriptors for an information retrieval system in special education. University of Pittsburgh.

Roman, Richard Allen. Developing and implementing materials for computer aided instruction. Harvard University.

Stanford, Curtis Francis. Optimal student scheduling for computer assisted instruction. University of Pennsylvania.

Steffensen, Robert Glen. A computer program for managing student performance information. University of Utah.

Thompson, Robert Luther. An on-line system of medical student records: A study in computer-assisted administration. Duke University.

Ting, Tso-Chin. The development of a computer-assisted instructional system. Washington State University.

Todd, William E. The development of a data processing feasibility study for Nebraska public school districts. University of Nebraska.

Underhuffer, Milton Monroe. Computer assisted instruction in college general education mathematics. Iowa State University.

Vandusen, George M. Applications of a computer simulation model to logistical decisions in a university. Michigan State University.

Vail, Lewis Elmo. Data processing institute evaluation. Colorado State University.

West, B. Bradley. A study of computer scored group Rorschach inkblot variables as related to student teaching success, major teaching fields and sex. Michigan State University.

Theses underway

Alspaugh, Carol Ann. A study of the relationships between student characteristics and proficiency in symbolic and algebraic computer programming. University of Missouri.

Barbuto, F. F. F. A computer assisted grading system for short essay responses to history identification items. University of Toronto.

Bishop, Thomas. A survey of computer mathematics in the secondary schools and teacher education institutions in Missouri and adjoining states. University of Missouri.

Bitter, Gary. Effect of computer applications on achievement in a college introductory calculus course. Denver University.

Bunn, Bruce B. The participation of students in the selection of objectives for a computer generated resource guide. State University of New York at Buffalo.

Christopher, George Ronald. The influence of a computer assisted instruction experience upon the attitudes of school administrators. Ohio State University.

Cook, Jesse L. The effects of a computerized vocational information system on vocational development and related attitudes. Northern Illinois University.

Denham, Carolyn R. Projection of public school enrollments using Monte Carlo Computer Simulation. Boston College.

Hagerty, Nancy. A feasibility study implementation and operationation of a computer managed instruction system in graduate education. Florida State University.

Hatfield, Neil W. The use of a computer for constructing and implementing a program library for scheduling classes in a physical education department. University of Wyoming.

Hebron, Edward. Empirical development of a computer managed instruction system for the Florida State University model for the preparation of elementary school teachers. Florida State University.

Hunter, Leiage C. A comparison of two teaching strategies in elementary mathematics using computer assisted instruction. University of Pennsylvania.

Kane, Timothy R. The relationship between computer utilization in the office of the registrar and selected institutional characteristics. University of Virginia.

Kramer, William. A computerized data processing system for analyzing raw score data and evaluating students' performances in physical education. University of Indiana.

Lien, Thomas. The use of analog computer simulation for learning modeling concepts and skills. Columbia University.

Lorenz, Paul. Computer-based instruction in spelling: An investigation of optimal strategies for presenting instructional material. Stanford University.

Lumbis, Bernard. A study of the present and projected development in computer assisted learning in selected California junior colleges with national implications. University of California, Los Angeles.

Marcotte, Donald Richard. A computational contingency analysis of content graded essays. University of Connecticut.

Molitoris, Donald R. Development of a computer-assisted instructional unit on probability. Iowa State University.

Mulhahon, Edward J. Using a computer generated resource guide to plan for and implement individualization of instruction in a team teaching arrangement--A descriptive case study. State University of New York at Buffalo.

Mulvaney, Ray. An evaluation of computer techniques in community colleges. University of Wyoming.

Mikenell, Donald L. Computer technology in education: A proposal for an in-service training program. University of Wyoming.

Miller, Eugene. Technology in foreign language education: A study of contributions of CAI to the learning of modern foreign language with special reference to selected CAI programs in New York State. State University of New York at Buffalo.

Morgan, Donald G. A study of administrative program-mmed decision-making and the possible effects of the computer of organizational structure in selected California school districts. University of California, Berkeley.

Ney, Donald Philip. Implementing educational data processing. A & M College of Texas.

Park, Elbert. The effect of mode of computer operation on learning a computer language and on problem solving efficiency of college bound high school students. University of California, Los Angeles.

Phillips, Wayne. Computer literacy for educators. University of Idaho.

Rothermel, Robert Allen. Cognitive levels in computer education for business. University of Nebraska.

Richard, Howard Burke Simon. The interrelationship of certain computer related mathematical concepts felt to be essential to the effective teaching of modern mathematics. Ohio State University.

Smiley, Vernon C. Jr. Research, development and validation of the daily demand computer schedule (DDCS). Brigham Young University.

Staaland, Francis Worth. An investigation of the relative effectiveness of two methods of instruction, including computer assisted instruction, as techniques for changing the parental attitudes of Negro adults. Florida State University.

Tangdall, James A. A comparison of machine master schedules generated by the computer and generated by an administrative team for Westside High School. University of Nebraska.

Fine, Daniel S. An introduction to the theory and application of basic parametric and nonparametric non-relational techniques via a computer assisted instructional system. Ohio State University.

Turner, Rae. Advisability criteria concerning the use of computer simulation in the public school district master plan. Utah State University.

Vance, Bonna Kay. A study of attitudes toward the guidance department and the college-counseling process as a result of applying the computer-assisted college selection questionnaire "select." Ohio State University.

Whitney, William Russell III. Explorations in college achievement: Computer scoring of a study questionnaire. University of Washington.

LIBRARY MEDIA

Theses completed

Agle, Jamie Joseph. Evaluative criteria for library resources of doctoral physical education programs. Ohio State University.

Bailey, Gertrude R. The use of a library resource program for the improvement of language abilities of disadvantaged first grade pupils of an urban community. Boston College.

Bernoldi, Arthur Eugene. A facilities program for parent-child educational centers. Arizona State University.

Carroll, C. Edward. The search for professionalism: A study of education for librarianship with special emphasis on the adoption of the M.A.E. Degree. University of California, Berkeley.

Cox, Carl Thomas. The perceived roles of library service centers in Tennessee state-supported universities. George Peabody College for Teachers.

Dyess, Gayle Edward. The influence of book selection agents upon book collections usage in academic libraries. University of Illinois.

Gandy, Gordon. A survey of learning resources centers in selected elementary schools. University of Illinois.

Hardaway, Claire Norwood. The administration and utilization of audiovisual units in the public elementary and secondary schools in Bossier Parish, Louisiana. University of Mississippi.

Hershberger, Hazel Esther. A case library for individualized reading in the elementary school: Based upon pupil interest choices identified by teachers recommended by a survey of selected experts. George Washington University.

Hetzner, Arthur D. Activities and attitudes of instructional media building coordinators: A follow-up to ten ERI summer institutes. Michigan State University.

Hobbie, Hannah Josephine. A historical study of the extension activities of the California State Library with particular emphasis on its role in rural library development 1850-1968. Florida State University.

Lanier, Jane Daniel. The reconfiguration of school libraries into instructional materials resource. University of North Carolina.

Lilley, Dorothy Grace. Graduate education needed by information specialists and the extent to which it is offered in accredited library schools. Columbia University.

Robinson, James Boyce. Fall: A design for a personal automated library. University of Pennsylvania.

Royce, Donald Paul. An investigation of perceptions regarding the instructional function of the library among faculty members and librarians at public community colleges in Michigan. Michigan State University.

Sabourin, John G. A model for the development of instructional improvement services at the intermediate school district level in Michigan. Michigan State University.

Petersen, Frederick William. The development of evaluative criteria for the services provided local school districts by the area media center. University of Nebraska.

Reese, Milton T. The identification of educational media personnel technical staff members in relation to position analysis, duties and responsibilities. University of California, Los Angeles.

Shipps, Donald R. Evaluation of United States Air Force base libraries supporting undergraduate and graduate educational programs in collaboration with civilian colleges and universities. University of Denver.

Williams, Parker. Library technical assistants: State potential uses and job prospects in Texas public and school libraries. East Texas State College.

Theses underway

Gibbs, Robert L. The development of a systematic instructional materials center. University of Nebraska.

Grayum, Donald. A theoretical model for library science. University of Kentucky.

Stevenson, Courtney. The legal status of the copyright law. Denver University.

Stinton, John Richard. Community college learning centers. University of California, Berkeley.

Stoll, Lawrence. A proposal for an advanced degree program at the University of New Mexico combining library science and multi-media specialization. University of New Mexico.

Stogel, Philip. A proposal for the establishment and operation of regional media centers for the state of South Dakota. University of South Dakota.

Thomas, Bruce. Personnel selection practices in a group of college libraries, with recommendations based upon a comparison with personnel selection practices in several other fields. Ohio State University.

MEDIA TRAINING

Theses completed

Beaman, Robert Todd. An experiment of inservice teacher education employing selected instructional media related to control devices in agricultural extension. Pennsylvania State University.

Bubbala, James. The process and strategy of promoting and developing and audiovisual programme in Kenya. Syracuse University.

Crosser, Rexford Gardner. An analysis of the relationship of media inservice training to teacher utilization of media in the public schools. Boston University.

Grady, William Frederick. The development of a plan to prepare educational media personnel for the public schools of Arkansas. University of Arkansas.

Green, Alfred D. A study of the personality characteristics of the accepter and the rejecter of the newer educational media among secondary teachers in Wisconsin. University of Wisconsin.

Hallum, Clemmon Lester. Attitudes of selected school foreign language teachers concerning instructional media in foreign language education. Indiana University.

Khan, Ghulam Subhani. A communication model for extension education. Cornell University.

Lewis, Edward Eugene. A study to determine teacher perceptions in relation to educational media. Texas Technological College.

Liberti, Harris Nelson. ETV and HEDA Title VII: Implementation of the new educational media program by the U.S. Office of Education. University of Michigan.

Lombard, Marilyn Dean. Perceptions of teachers and media specialists regarding the use of instructional technology in teaching reading. University of Southern California.

Margolies, Richard. A study of media use attitudes and barriers as measurements for evaluating the influence of extra-media support service on faculty teaching in large classrooms. Michigan State University.

McMahon, Marie. A study of the feasibility of a system of pre-service teacher education in media. Michigan State University.

Millman, Robert. Entering audiovisual competencies, areas of graduate study in audiovisual education, and placement expectations of master's degree candidates in audiovisual education. Syracuse University.

Miller, Paul David. The relationship of teacher perceptions of a school's audiovisual climate to the organizational structure of its media program. University of Wisconsin.

Popp, Alexander G. A comparison of two approaches to teaching orthographic projection at the college level. University of Missouri.

Pozos, Rosemarie Rizzo. An instructional model for the teaching of nursing interrelating objective and media. University of Pittsburgh.

Pollock, Vernon. The comparative effectiveness of educational telephone network and face-to-face lectures for university extension in-service training. University of Wisconsin.

Pratt, Robert G. An investigation of the effect the training of teachers in defining, writing and implementing educational behavioral objectives has on learner outcomes for students enrolled in a seventh-grade mathematics program in the public schools. Lehigh University.

Pratte, Clarence Harold. Goals and basic units of instruction for treatment media courses for the preparation of occupational therapists. Wayne State University.

Snow, Glenn C. An analysis of the doctoral level preparation programs in the field of instructional technology at selected institutions of higher education. Michigan State University.

Torrey, George Nelson. The role of the audiovisual directors in accredited american colleges and universities. Boston University.

Wanie, Nathan James. An analysis of the curriculum phase of the teacher education and media project of the American Association of Colleges for Teacher Education. Ohio State University.

Wheeler, Mary Florence. A study of relationships among professional attitudes, personal traits, and attitudinal change during instruction in perceptual media. East Texas State College.

Williams, Marjorie Lay. Educational media as content and process in teacher education in Florida. University of Florida.

Theses underway

Corriere, Ernest F. Marshall Mcluhan and education. University of Nebraska.

Eyford, G. A. The artist as educator--A philosophical examination of the communicative function in the arts. University of Toronto.

Ferris, Dan C. Toward a theory of sequencing: Study 1-2: An exploration of selected relationships among the enactive, iconic, and symbolic modes of representation. Pennsylvania State University.

Fraschat, Stephen J. Application of a concept identification learning model to teaching multiview orthographic projection theory. Pennsylvania State University.

Hutchinson, Callie Gail. Effects of specific professional development activities on individualization of instruction in foreign language classes. University of Florida.

King, Kenneth Lee. An evaluation of teacher utilization of selected educational media in relation to the level of sophistication of the educational media program in selected Oklahoma public schools. University of Oklahoma.

Klein, Paul A. Toward a theory of sequencing: Study 1-1: An exploration of selected relationships among the enactive, iconic, and symbolic modes of representation. Pennsylvania State University.

Knight, Lewis. An investigation of flexibility relating to use of instructional modes. Stanford University.

Littlefield, Owen. The effect of mediated and non-mediated pupil feedback in changing the reinforcing behavior of student teachers. State University of New York City at Albany.

Mascolomé, George. A study of the attitudes held by foreign radio-television specialists who were participants in a United States Government sponsored educational exchange program. Syracuse University.

Osborne, John E. Model for the development of instructional improvement services at the intermediate district level in Michigan. Michigan State University.

Portner, Wayne R. A comparative effectiveness study of a mediated teaching system used for fostering media skills in the preparation of teachers. University of Nebraska.

Rael, Lawrence. Educational requirements and training of A-V school coordinators in New Mexico. University of New Mexico.

Stamm, Wayne A. A study of selected environmental factors in the administration of an audiovisual program. University of Wisconsin.

Van Dresser, Ray J. A survey related to job competencies of the instructional media specialist. University of Nebraska.

Weeks, Nathan James. An analysis of the curriculum phase of the teacher education and media project of the American Association of Colleges for Teacher Education. Ohio State University.

Zeeder, Bryce. Soviet developments in educational technology. Michigan State University.

Theses completed

Barrows, James W. An experiment in the use of programmed lectures in teaching the general education college chemistry course. University of Southern Mississippi.

Barrows, Marjorie Ruth Petersen. An experimental study of the use of programmed instruction in a university physical science laboratory. University of Michigan.

Beattie, Ian D. The effects of supplementary programmed instruction in mathematics on the mathematical attitudes and abilities of prospective teachers. Southern Illinois University.

Bellino, Thomas Theodore. The relationship of anxiety resulting from intrinsic and extrinsic reinforcement to programmed learning and retention. Catholic University.

Berman, Mark Laurence. The effects of the magnitude of response cost and reinforcement on speed and accuracy on programmed materials. Arizona State University.

Brown, Robert F. The effects of programmed instruction on achievement in physiological kinesiology. Colorado State University.

Campbell, Gordon. Programmed learning in mechanical drawing: An experiment to determine the effect of presenting programmed units of selected elements of orthographic projection on the ability of pupils to visualize spatial relations. New York University.

Campbell, Pearl Posey. Programmed versus conventional instruction as preparation for laboratory performance. Cornell University.

Lipsteni, Frank Anthony. The value of programmed instruction in increasing knowledge and altering attitudes on civilian defense. New York University.

Lollinger, Robert Bruce. The construction and evaluation of a programmed course in mathematics necessary for success in collegiate physical science. Catholic University.

Mello, Victoria Lee Dufore. The effect of programmed instruction on the teaching of principles of accounting. Colorado State University.

Mohammed, Thomas Michael. Individual versus team learning in programmed instruction in grade five. Boston University.

Moldrem, Robert Clifton. Programmed instruction in detecting aural-notational errors in musical performance. Ohio State University.

Mutts, Merrill F. A description of the development of programmed instructional materials in selected Methodist Vacation Church Schools. Columbia University.

Ottinger, Dennis Lloyd. A free operant analysis of programmed instruction with dyslexic children. University of Florida.

Klarion, Abdallah Fikry. Direct and vicarious reinforcement in the learning of programmed materials. Indiana University.

Plank, Curtis D. A comparison of equipment oriented, textbook oriented, and programmed self-instructional methods in teaching diagnostic program coding to automotive students. Pennsylvania State University.

Proctor, Bruce Henry. A comparison of the effectiveness of programmed vs. non-programmed approaches to spelling in the intermediate grades. Florida State University.

Fraley, Lawrence Edward. Short-recorded capillary pulse pressure measurement as an unobtrusive means of detecting unspecified frame-specific flaws in programmed instruction sequences: an experimental study. University of California.

Frederick, Barbara Wagner. An organized program relating art and the environment through color slides and accompanying script. University of Pittsburgh.

Gentzel, Walter Eugene. Development and evaluation of programmed material for introduction to business classes. University of Tennessee.

Gilmartin, Frederick C. A study of the effects of a programmed curriculum in art for junior high school students. Lehigh University.

Gnagey, Lawrence A. Jr. The effectiveness of programmed instruction with mentally retarded children and youth. Boston University.

Gretchko, Seymour. Design and development of programmed materials in instruction for inner-city youth in consumer finance and credit. Wayne State University.

Hagen, David Allen. An analysis of a programmed instructional sequence designed to teach Piaget's mental abilities. New York College at Buffalo.

Hall, Bruce Kendall. Anxiety, stress, task difficulty and achievement via programmed instruction. Florida State University.

Hanson, Frederick James. An investigation of programmed instruction in mathematics as a measure of electronic achievement. American University.

Hoch, Emil D. An experimental study comparing two methods of administering a programmed test. University of Maryland.

Harper, William John Jr. Predicting failure in college physics and physical science by means of aptitude tests using programmed instruction. Boston University.

Irene, Simone J. Programmed instruction materials for teaching child feeding practices to nursing students in El Salvador. Columbia University.

Johnson, Harris John Orin. The effectiveness of programmed instruction in teaching basic genetics. University of Michigan.

Keller, Harold Raymond. Children's acquisition and reversal behavior in a probability learning situation as a function of programmed instruction, internal-external control, and schedules of reinforcement. Florida State University.

Kontiohoglou, John. An investigation into the effectiveness of a program when administered: Without visuals, with ordered visuals, with visuals selected at random by programmer, with visuals called forth as needed by the learner--in programmed instruction. Syracuse University.

Kosko, Eldora. The effect of social reinforcement with programmed and non-programmed instruction in in-service independent study by newly employed university extension staff. University of Wisconsin.

Kiang, Nie-Helen Tang. Programmed instruction in nutrition for baccalaureate degree nursing students. Columbia University.

Kurian, Sister Maureen. The effects on programmed reading of a token contingency system with a class of educable retarded boys. University of Illinois.

Lockley, Gerald Ernest. An application of programmed instruction to an introduction to the theory of the Riemann integral with consideration for the mode of response. Boston University.

[illegible] Charles Orville. An experiment using programmed materials to supplement a conventional content course for elementary education majors. Colorado State University.

[illegible], William Lynn. Introduction to the analytical techniques of music: A programmed text. University of Idaho.

[illegible], Sister Mary Sharon. An evaluation of the effects of an integration of programmed instruction with conventional classroom instruction in reading on the achievement and adjustment of children experiencing difficulty in beginning reading instruction. Boston College.

[illegible], Basil Alan. A programmed approach to the application of educational psychology: The teacher viewed as an inductive theorist. Iowa State University.

[illegible], Siegfried Jose. A comparison of two programed methods of teaching measurement concepts of fifth and sixth grade children of the middle and lower socioeconomic classes. Southern Illinois University.

[illegible], Vera Randle. Development and evaluation of programmed instruction modules to fund for the college level. Oklahoma State University.

[illegible], Gerry A. Programmed instruction for groups of teachers to create locations: Prototype development. Michigan State University.

[illegible], David Randall. A comparison of the conventional, printed-programed, and audio-programed methods of teaching remedial-oriented mathematics. Purdue University.

[illegible], Floyd. An investigation of selected individual difference variables in programmed instruction. Detroit University.

Fenjuan, Blanche Greene. Programed instruction in journalism: an experimental study. University of Texas.

Hokkill, Thomas. Programed instruction vs. problem session as the supplement to large group instruction in college mathematics. New York College at Buffalo.

Hsuan, Tsuyin Jessie. An experimental design for comparing the effects of instructional media programing procedures. University of California, Los Angeles.

Huggins, Rowland Dean. Fluoride program knowledge and learned self-concepts. Ohio State University.

Hupp, William Anthony. The effect of programmed instruction on self concept. Colorado State University.

Kolmodin, Emily. The development and evaluation of programmed instruction in staging correctly produced, unison vocals. Pennsylvania State University.

Moore, Robert Eugene. Programmed approach vs conventional approach using a highly consistent sound-symbol system of reading in three primary grades. University of California, Berkeley.

Mull, Howard Isaac. Programmed instruction: A comparison of learning and retention of information learned through the use of small step (linear) programmed instruction and large step (branching) programmed instruction. University of Maryland.

Shelton, Marion Angelo. A programmed guide to selected spring wild flowers of North Georgia. University of Georgia.

Slay, Alma Lee. A comparison of the effectiveness of programmed, handbook and non-formalized grammar instruction in remedial college freshman English composition. St. Louis University.

Thompson, Robert Leslie. The effects of a supplementary programmed textbook on transfer of training to particular geologic interpretations: an experimental study. Southern Illinois University.

Taylor, Gary Boyd. A comparative evaluation of teaching effectiveness and efficiency for three presentation modes--programmed multi-media for groups, programmed multimedia lecture-discussion as adapted from an original mode of instruction. Brigham Young University.

Trafflinger, Donald John. The effects of programmed instruction in production thinking on verbal creativity and problem solving among pupils in grades four, five, six, and seven. Kansas University.

Walker, Charles Dennis Jr. The use of programmed chemistry laboratory experiments to accomplish selected objectives related to the methods of science. Florida State University.

Walker, John Penrose. The effect of programmed instruction on the independent study of conventional material. New York University.

Wallace, Anthony B. Contemporary computational techniques in linear programming with applications to new models in social development. University of Texas at Austin.

Weaver, Richard Allen. The effect of programmed instruction in industrial arts on the junior high school level. A & M College of Texas.

Weaver, Thurman Allen. An experimental study utilizing programmed instructional materials and tape recordings in the teaching of intermediate collegiate typewriting. Arizona State University.

Theses underway

Brendinger, Alice. A comparison of various forms of directions of a standardized reading test: Programmed, sign language, and formal directions for use with deaf high school students. Rutgers University.

Gallacher, Clarence D. The effects of selected personality variables on concept formation with programmed instructional tasks. Brigham Young University.

Gibbs, William. The development and evaluation of programmed instructional materials in beginning bookkeeping. University of California, Los Angeles.

Glover, Mildred. Differential effectiveness of programmed instruction and conventional instruction on the achievement of students enrolled in elementary accounting. University of Georgia.

Hassell, Joseph W. Programmed instruction, operant conditioning, concept learning. University of California, Berkeley.

Hagstrom, William. Programmed materials for very low achievers. University of Miami.

Holt, Kaye. A comparison of the effectiveness of a traditional instructional method and a programmed instructional method on the achievement of selected beginning golf skills. University of Tennessee.

Kahn, Robert Ernest. A linear programming model for air pollution control in the St. Louis airshed. Washington University, St. Louis.

Kortes, Sister Maureen. The effects on programmed reading of a token contingency system with a class of educable retarded boys. University of Illinois.

Lawrence, Sally. Linear programing procedures in the teaching of nurses. University of Maryland.

Metcalf, Richard J. A study to compare the effectiveness of a programmed linguistic spelling kit with traditional methods of teaching spelling to functionally illiterate adult in correctional institutions. Florida State University.

Moody, John C. The effects of linear and modified linear programed materials on the achievement of academically unsuccessful students in tenth grade BSCS special materials biology. University of Virginia.

Onorevole, Richard. A study of the effectiveness of having middle school arithmetic students rewrite programed questions in their own words prior to making a response. Columbia University.

Peightel, John W. The development of programmed instruction to facilitate learning of certain concepts for the beginning trombone students. Pennsylvania State University.

Perkins, Wilmert. The development and evaluation of programmed punctuation materials for secondary transcription classes. University of California, Los Angeles.

Pfeiffer, Carol Aldrich. Teaching preschoolers complex skills using a programmed exchange. Washington University, St. Louis.

Phillips, Thomas G. A comparison of the effectiveness of a programmed text and a computer-based display unit media in teaching Fortran IV. University of Missouri.

Reed, Jerry. A comparative study: Programed approach versus conventional approach in the teaching of mathematics for elementary teachers. Mississippi State University.

Suitor, Phil Edward. The development and validation of a series of self-instructional modules in interaction analysis. Ohio State University.

Woods, William Gilbert. Influence of teacher training in programmed learning and the systems approach on teacher-classroom interaction. Washington State University.

PROJECTED MATERIALS: MOTION PICTURES

Theses completed

Aldridge, Henry Preston. An investigation to determine the effectiveness of short concept films in the instruction of handicapped students. University of Georgia.

Bandman, Elsie Lee Lucier. Behavioral indicators of psychiatric patient anxiety pertinent to nursing operations and development of 8mm instructional films. Columbia University.

Barker, Robert Walcomb. Development and evaluation of a method of structuring inquiry films to elicit hypotheses from high school chemistry students. University of Texas.

Biggs, June Lee. The design and production of a communication film with specific teaching objectives for crippled child teacher preparation programs. University of Oregon.

Daily, Dan. Principles for producing computer animated motion pictures. University of Pennsylvania.

Delgado, Gilbert Louis. A study of reading and vocabulary behavior modifications of non-english speaking children through educational films designed for deaf children. Catholic University.

Dixon, Curtis. The effects of motion pictures portraying black models on the self-concept of black elementary school children. Syracuse University.

Dobbins, Allen Leslie. The development of training films for Harvard social studies project : A case study in curriculum implementation. Harvard University.

Gerrero, Richard Henry. Music as a film variable. Michigan State University.

Gholson, Miss B. An investigation in the effect of rapidly presented filmographic "advance samplers" on learning from a silent motion picture film. University of Wisconsin.

Haynes, Doris Geiler. The effect of film-mediated aggression on subsequent aggressive behavior. University of Connecticut.

Klitz, John Allen. Experimental evaluation of single-concept films as instructional aids in teaching vocational agriculture. Iowa State University.

Knepp, John Russell. A comparison of three teaching techniques using instructional films in selected units in industrial arts. Pennsylvania State University.

Liao, Robert Chao-Hsiung. A comparative study of effectiveness of eight millimeter silent and sound single concept films as self-instructional devices for teaching audiovisual machine operation. Boston University.

Oppenheimer, Hugh Clifford. A critical analysis of the Pennsylvania State University instructional film research program. University of Southern California.

Ford, Joseph. The effects of film repetition, programed discussion and audience-set on the changing of verbally professed attitudes towards due process of law. University of California, Los Angeles.

Prockop, Lawrence. An investigation of study guide integration with a filmloop in an auto-instructional program and its effects on student acquisition and retention of cognitive objectives in Biology. Syracuse University.

Sedlik, Jay Martin. Diagnostic pretesting of the United States Air Force Instructional Motion Picture-theory and a proposed model. University of Southern California.

Tewksbury, Robert Marvin. A filmed study of the school facilities planning process with an emphasis on educational specifications. Colorado State University.

Zdzinski, Edwin Eugene. The use of visual records on 8mm film for performance analysis as a means of developing improved feedback for learning conducting skill. Columbia University.

Zulalian, Ara. A study to determine improvement of performance of the glide kip on a parallel bar through the use of loop film and television playback. University of Utah.

Theses underway

Balser, Eugene W. The effectiveness of a sound or silent film combined with programmed instruction in teaching ultrasonic plastic assembly. Iowa State University.

Green, James Gregory. A study of expressed behavior changes occurring as a result of exposure to filmed classroom situations and T-group sensitivity training. Washington State University.

Griffiths, Anne T. A film analysis of selected golf strokes. University of Iowa.

Burgess, Harry B. III. A study of the effects of single concept loop films upon laboratory techniques when used for pre-laboratory instruction in the introductory organic chemistry laboratory. Oklahoma State University.

Higgins, Lynne. Loop films for analysis of error in volleyball. University of Iowa.

Keeney, John A. Single concept "loop films" and their effectiveness in teaching occupational courses. Washington State University.

McCaslin, N. L. Experimental evaluation of single concept films on instruction in vocational agriculture. Iowa State University.

Newton, Robert E. An investigation of image juxtaposition in instructional films on metallic inert gas welding. A & M College of Texas.

Nowak, Arlene T. Use of time-lapse photography to record teacher-pupil contacts, teacher travel and teacher and pupil activities. Wayne State University.

Potter, C. Howard. A content analysis of popular film criticism in American periodicals from 1932 to 1962. Columbia University.

Rubenstein, Elias. A comparative study of film and film script presentations of open-end classroom problem situations to pre-service and in-service teachers. Syracuse University.

Schwartz, Stanley. Film music and attitude change--A study to determine the effect of manipulating to a musical soundtrack upon changes in attitude toward militarism-pacifism held by tenth grade social studies students. Syracuse University.

Sorenson, Don L. The effect of a behavioral counseling film model on elementary teachers' cognitive understanding of counselor role. University of Wisconsin.

Thelen, Judith E. Use of advance organizers and guide material in viewing science motion pictures in a ninth grade. Syracuse University.

Thompson, Betty L. Development and trial application of a method for identifying nonverbal parent-child communications in research film. Columbia University.

PROJECTED MATERIALS: STILLS

Theses completed

Cisneck, Ignatius Aloysius. A study to determine the relationship between tachistoscopic training and baseball batting ability. Boston University.

Cooper, Jerry A. The effects of teacher-prepared transparencies on achievement and retention in a unit on credit in a general business class. Colorado State University.

Crowder, Gene Arnold. Visual slides and assembly models compared with conventional methods in teaching industrial arts. A & M College of Texas.

Evans, Ray Winston. An experimental study to determine the effectiveness of using slides with ninth grade students in six randomly selected schools in Southern Illinois to teach library usage. Southern Illinois University.

Fjerstad, Clinton Dale. A comparison of tachistoscopic and metronomic training for developing sight-reading of harmonic notation within class piano instruction. University of Indiana.

Fleming, Bruce Eugene. Enrichment of the industrial arts curriculum through the use of Disco-type transparencies for overhead projection. New York University.

Frederic, Barbara G. An organized program relating art and the environment through color slides and accompanying script. University of Pittsburgh.

Gunnerson, Richard Kent. Selective perception in technical concept identification tasks with alternatives before and after the stimulus. University of California.

Hafer, Jarrel. An iconic comparison of photographs and the live television screen in visual diagnostic ability. University of Illinois.

Holley, James C. A comparison of two techniques of supplementing instruction with visual illustrations. Rutgers University.

Hunn, Vadim Conway III. The effectiveness of overhead projectuals and a transparent projection box in teaching orthographic projection. North Texas State University.

Parsons, Dale Gail. The comparative effects of overlays on student acquisition of earth science concepts. University of Utah.

Pearce, Calen Lee. An experimental study to analyze alternate versions of overhead transparency projectuals designed to teach selected concepts. Texas Technological College.

Stokes, Jimmy. A study of the experimental use of selected visual aids in general chemistry. University of Georgia.

Theses underway

Kilbride, James M. The effects on slide-tape presentations of eliciting student responses at points that are consistent with reported instructional objectives. University of Miami.

McCage, Ronald P. A comparison of slides and models to the conventional method of introducing descriptive geometry concepts. A & M College of Texas.

Merrill, David. A study to determine the effectiveness of selected graphic arts filmstrips for teaching lithography units with implications to develop additional units. A & M College of Texas.

Sielski, John Joseph. Strings, winds and percussion: A series of filmstrips depicting their development from 1500 to the present. Columbia University.

Zieser, Edward J. A study of the use of slides versus dissected specimens in the administration of a zoology laboratory examination. University of Wisconsin.

SIMULATION AND GAMES

Theses completed

Andersen, Charles Raymond. The effectiveness of a simulation learning game in teaching consumer credit to senior high school students in comparison to a conventional approach to instruction. University of Maryland.

Beale, Paul. An investigation of the student teaching performance of three groups of students who had different types of pre-student-teaching laboratory experiences, two of which included simulated classroom situations. Lehigh University.

Boardman, Jerry. A computer based simulation feedback model. University of Wisconsin.

Bogoland, Jane Hutton. The development and use of simulation techniques in a pre-service program for prospective student teachers. Ohio State University.

Brown, James J. The use of games as an instructional media. University of California.

Brady, Thomas E. Guidelines for developing instructional material incorporating simulation techniques. Columbia University.

Broadwell, E. Christian. A research design correlating achievement in a science game playing heuristic with personality type, self-evaluation, and problem solving ability. Colorado State University.

Burgess, Ernest Edward Jr. A study of the effectiveness of the planned usage of mathematical games on the learning of skills and concepts and on the attitude toward mathematics and the learning of mathematics of low achieving secondary students. Florida State University.

Crouthamel, Willard Willis. The development of statistics using simulation, computer assisted, and linking concept techniques. Auburn University.

Dillman, Duane Vernon. A simulation exercise for the training of educational research and development program managers. Ohio State University.

Fleishman, David. List processing simulation of computer-assisted instruction. University of Alberta.

Forgan, Harry Wilson Jr. The effects of instructional simulation materials concerning classroom management on elementary school student teachers. Kent State University.

Gillis, Eleanor Caroline. Simulation to facilitate faculty participation in college government. Wayne State University.

Girod, Gerald R. The effectiveness and efficiency of two types of simulation as functions of level of elementary education training. Washington State University.

Gustafson, Knut Lyman. Simulation of anxiety situations and its resultant effect on anxiety and classroom interaction of student teachers. Michigan State University.

Jennings, Emery C. Planning-programming-budgeting-systems: A model for its implementation in comprehensive community colleges. University of Denver.

Kelly, William Osmond. The development and evaluation of an educational game to teach specific aspects of farm management decision making to high school vocational agriculture students. Cornell University.

Lundquist, Gerald William. Utilization of simulation and group counseling in the training of prospective elementary school teachers. Arizona State University.

McKenna, Walter F. College and university planning, programming, budgeting: Criteria for the definition of programs and program elements. University of Wisconsin.

Nolan, Morris Gerald. A study of administrative performance in higher education using an in-basket as a simulated situation. New York University.

Oyanagi, Wentsuke. The methodology of educational simulation and design of a simulated instructional model for occupational education. Michigan State University.

Price, Thomas Benjamin. Sustained swimming under acute exposure to four simulated altitudes. California University.

Gifford, J.A. The development of a simulation for research on administrative decision making in education. University of Alberta.

Gose, James Louis. An experimental use of simulation as a training technique for collective negotiations for teachers. University of California.

Schoenberger, Kenneth Clifford. Gaming as an instrument of farm management education - a development and evaluation. Oklahoma State University.

Sorrells, Robert. Toys, games, and hobby materials available for use as instructional materials in programs of industrial arts education at the elementary school level - A compendium including educational applications and suggested techniques for teacher utilization. New York University.

Van Dusen, George Merrill. Applications of a computer simulation model to logistical decisions in a university. Michigan State University.

Von Dohlen, Otto Josephine. The relationship between taste scores on straight copy typewriting and simulated production problems as measured on electric typewriters. University of Pittsburgh.

Wakefield, Henry Dana. The development of construct validity for situational problem solving ability through the use of a simulated environment game. University of Minnesota.

Theses underway

Addy, Sandra Tierney. The expression of evaluative thinking in classroom interaction through a game technique. University of Illinois.

Robinson, Francis Jr. The effects of a simulation game upon teachers' sense of control. Syracuse University.

Rowe, James. The use of games as instructional media. University of California, Los Angeles.

Rupe, Thomas W. An evaluation of prototype simulation typing feedback for use in training school administrators. Columbia University.

Savelle, Patricia. A study of the effects of simulation gaming in teacher education. University of California, Los Angeles.

Skinner, Delbert. An investigation of certain methods and techniques in simulation in driver training. Ohio-towa State University.

Stevens, Fred. Use of simulation techniques for parent-child interaction problems. University of Illinois.

Strutt, Larry E. The influence of child management of games on the cognitive development and attitudes of disadvantaged preschool children. University of Georgia.

Page, Robert. An experiment to compare the effectiveness of instruction versus discovery in generalizing the strategy of a simple game. Florida State University.

Schroeder, Barry L. Development and validation of an "in-basket" to evaluate decision-making ability in setting work priorities in the entry-level secretarial position. Michigan State University.

Thayer, Louis C. Teaching consensus in training with use of instructional simulation. University of Illinois.

Tucker, Harold G. The effect of a simulation laboratory on preparing student teachers for assignments in the inner city. Ohio State University.

Townsend, William H. Simulated supervised personal-social part programming. A & M College of Texas.

SYSTEMS APPROACH

Theses completed

Bergstrom, Philip G. The development and testing of an instructional system for teaching knowledges associated with concrete construction work. Washington State University.

Levine, David G. The comparative performance of support personnel with systems approach instruction and classroom school counselors and teachers on three selected tasks. Michigan State University.

Merrick, Ian. A systems theory approach toward the reconceptualization of curriculum. Michigan State University.

Preusser, Pamela. The development and testing of an instructional system for teaching orthographic projection. Washington State University.

Rae, Florence Sherod. A systems approach to organization of school districts: Teacher assignment. University of Texas.

Reisdorf, Charles P. A systems approach to cost-effectiveness in the use of special services, materials and equipment for first grade pupils in the Topeka, Kansas-kaga, public schools. University of Washington.

Wilson, Garland D. A systems theory content analysis of school board decisions. University of Oklahoma.

Bourne, Robert Baron. A system approach to the organization of counselors for an introduction to educational administration. New Mexico State University.

Johnstone, Russell C. Selected instructional practices in collegiate schools of business and their use in a proposed systems approach. University of Kentucky.

Petro, Peter G. The derivation of learning hierarchies and instructional objectives to accounting with implications for developing instructional systems for post-high school programs. Michigan State University.

Phipps, John Logan. The application of remote access information retrieval techniques to instruction: A system design. Catholic University.

Pidgeon, Norma. A study of the communications potential inherent in the ongoing process of systems analysis. University of Wisconsin.

Pieciuto, Hilda Louise Turock. A systems analysis of change: Application of the processually articulated structural model to an administrative reorganization in a large state university. University of Colorado.

Pinnell, Alfred Paul. Demonstration and a partial implementation of a systematic approach for establishing a special education program for emotionally disturbed elementary school children. University of Pittsburgh.

Schaefer, Richard Louis. Professionalization of faculty in selected Florida junior colleges: A systems approach. University of Florida.

Shaw, Earl Eugene. Systems analysis of the Brigham Young University Department of Home Study. Brigham Young University.

[illegible], Paul Norman. A systems design management model for the constructing and operations of selected vocational institutions. Catholic University.

[illegible], Charles Joseph. A systems approach for accomplishing the cataloging and distribution of educational motion pictures. University of Southern California.

<u>Theses underway</u>

Barnes, David G. A systems model for designing and implementing programs for a comprehensive community college. Catholic University of America.

Bentley, Henry Thomas. A systems approach to policy analysis in education. Columbia University.

Burke, Thomas Edward. A systems approach to the planning and formulation of technology augmented programs for management education. University of Texas.

Carnes, Gerald J. The applicability of planning programming budgeting system for the attainment of objectives related to decentralization in large city school districts. State University of New York at Albany.

Carter, David. The performance of lawyers and teachers with short-term "systems approach" training and elementary counselors and teachers on three selected tasks. Michigan State University.

Crowell, Fred Andrew. The metamorphosing function of education: a general systems approach to educational organizations and research. University of Oregon.

Dennison, Ralph. Comparison of traditional and systems-approach administration patterns. University of Colorado.

Ford, John D. A study of selected factors related to the development and dissemination of a planning-programming-budgeting-evaluating system design for public education in the United States. Washington State University.

Hale, James A. A program budgeting model for a community college system. University of Minnesota.

Lee, Randall F. An analysis of perceptions of the validity of a planning programming budget system in public schools as held by three groups of educators. Texas Tech University.

Mackinnon, Leslie B. A conceptual planning-programming-budgeting model for a Florida community college. University of Florida.

Sullivan, Howard. The application of systems analysis in the Seattle public education curriculum. Michigan State University.

O'Neill, Jane. The development and experimental application of a systems approach in teaching selected mathematical concepts to disadvantaged middle grade students. University of Connecticut.

Puglia, G. Owen. An appraisal of PERT as techniques for evaluating the contributions of college student personnel services. University of Oregon.

Rodriguez, Rosa Estevez. Educational implications of the predicted effects of urbanization on the surrogate eugenic of man's life. Texas Tech University.

DISSERTATIONS

Theses completed

Adams, Charles James. Conversing education programs for teachers utilizing instructional television in North Carolina. University of North Carolina.

Anson, Richard. A study of broadcaster-support for educational programs on television. Syracuse University.

Bailey, Lena Charles. The feasibility of using videotape recordings as a substitute for direct observation in a Home Economics Methods Course. Ohio State University.

Banks, Thomas Marcus. The effects of special instructional television programming on the attitudinal changes and the self-concept of culturally disadvantaged students. Miami University.

Bankson, Betty Brown. A plan for programming experiential integrated dance and rhythmic activities for the elementary school level utilizing the medium of television. University of New Mexico.

Barry, David Gilbert. Organizing and staffing director level instructional television. University of Southern California.

Bowersox, Charles Dale. A study of the audience for an open-circuit instructional television course in economics. University of Arkansas.

Bullock, Thaddeus Joseph. The development of videotaped lessons for use in the preparation of teachers of basic business subjects and the analysis of reactions to these video tapes. Northern Illinois University.

Camp, Alfred. An investigation of the utilization of video tape recordings in educational television in the secondary schools. Lehigh University.

Campbell, Robert Lee. The effects of videotaped interaction on cognitive and affective learning of college of agricultural students. University of Missouri.

Cano, Frank Elmo. The use of closed circuit television (video-tape) and psycho-physio response to increase the rate of change in student teachers' classroom performance. University of California, Berkeley.

Case, Angelina Watson. The role of television in assisting illiterate adults with a literacy program. Columbia University.

Caulfield, Thomas James. The effects of using video taped social models in elementary school group counseling with low achievement status students. State University of New York (SUNY) at Buffalo.

Cecco, Patrick Frank. The effects of 3-group training and group video recall procedures on affective sensitivity, communications and self-perception change in counselors. Indiana University.

Cox, Donald Rupert. An exploratory study: Case studies of the effect on six teachers who participated in a series of supervisory conferences based on video tapes and standard techniques of classroom learning. Columbia University.

Cooper, Walter Eleazer Jr. Videotape replay feedback in teaching selected group guidance skills. University of Alabama.

Cortez, Dennis Claire Gerald. A comparative study of audio and video taping techniques on teaching tasks for self discovery in the basic speech course (voice and diction). University of West Virginia.

Davis, Arnold Dalph. The effectiveness of microteaching and video tapes in training prospective elementary teachers in specific instructional skills of teaching. Ohio State University.

Bennett, J. Robert. A study of the effectiveness of TV as a supplement to face-to-face teaching of foreign-language conversation. Lehigh University.

Bolen, Glenn F. Radio-television service training needs for Iowa. Iowa State University.

Elbert, Melba Eugene. Changes in self-concept, self-orientation, and interpersonal relations as a result of video feedback in counseling training. Kent State College.

Fabula, Stewart Edward. An experimental study of the effects of videotape feedback in a basic encounter group. Kent State College.

Fineberg, James Wallace. An evaluation of closed-circuit television as used in teaching selected courses at Louisiana State University. Louisiana State University.

Fleischer, Alan Donald. Television viewing behavior of Negro and White children in Atlanta, Georgia. University of California.

Forsdale, Fred Reynolds. An analysis and appraisal of regular credit courses via a commercial television channel from selected colleges in Los Angeles County. University of Southern California.

Green, Ely S. The role of mass media in the enforcement of the individual. Michigan State University.

Griffin, Thomas Grimes. An experimental study of the effectiveness of functional music in instructional television. New York University.

Hall, William E., Jr. Analysis of video tape in the perceptual evaluation of aphasic communication. University of Kentucky.

Gordon, Robert Duke. A study to the experiences of social studies, student teachers utilizing video-tape techniques. University of Nebraska.

Hall, James Carroll. Television performance effectiveness: a study of related variables and the effects of immediate viewing and evaluative feedback. University of Wisconsin.

Hannigan, Thomas Lorrimer. The feasibility of a statewide closed-circuit television network for the higher educational institutions under jurisdiction of the Louisiana State Board of Education. Indiana University.

Hawkins, William Lawrence. Training of counseling teachers in interview techniques by use of videotaped feedback and modeling procedures. Stanford University.

Hoff, Ronald Joseph. A comparison between videotape and conventional method of instruction in teaching. University of Utah.

Hopkins, David William. The effectiveness of videotape as an instructional medium in the teaching of salesmanship. Colorado State University.

Hsu, Sterling Pierce Ernest. An investigation of the use of focused video tape feedback in high school group counseling. University of Southern California.

Hudson, John Richard. Dermal ridge patterns as a method for teaching certain physical aspects of dermal anatomy. North Texas State University.

Jones, Andrew R. A survey of industrial enterprises in Mississippi to ascertain the desirability of offering fundamental training courses through the media of television to upgrade employees. University of Mississippi.

LaFlamme, William Albert. An investigation of the eight vocabulary of pre-school children as measured by their ability to recognize words given frequently as commercial television. Temple University.

Leach, Floyd Ray. A comparative study to determine the effectiveness of videotape replay as an adjunct to teaching selected discussion skills. University of Utah.

Lindberg, Delmar Edwin. An investigation of college students' reactions to two different styles of counseling as viewed on video tapes. Arizona State University.

Mann, Robert C. An experimental evaluation and comparison of three television feedback techniques used in adult education. University of Nebraska.

Morris, Roger. Videotape self-confrontation in human relations training. University of Alberta.

Robinson, Thomas Franklin. The effect of auditory, experiential, and written reinforcement of words presented by instructional television on the vocabulary development of seventh and eighth grade pupils. Arizona State University.

Silver, David. The effects of immediate and delayed audiotape and videotape playback of group counseling. State University of New York City at Albany.

Snook, Frederick Nicholson. A comparative study of teaching strategies involving closed-circuit television and programmed instruction. Ohio State University.

Tyler, Anthony John. An experimental study of the relative pedagogical effectiveness of three feedback conditions employing videotape and audiotape for student self-evaluation. University of Michigan

Dickinson, Charles Lemuel. The effect of a series of television science lessons on learning by selected gifted children. University of Pittsburgh.

Espinosa, Dorothy Florence. An historical, descriptive study of the television teaching of Spanish in the Detroit public schools following the principles of foreign languages in the elementary school (FLES). Michigan State University.

Fowler, James Gaston. The effects of augmented visual-aural information feedback and lag film models upon learning of a complex motor skill.

Fulcomer, O. Gordon. Accelerating client therapeutic growth via videotape. Marquette University.

Furlong, Boyd Andre. An analysis of listening skill development using the midwest program on airborne television instruction. George Peabody College for teachers.

Gagne, James Harvey. A comparative study of baseball deflection between horizontal bat hunting position and forty-five-degree bat angle hunting position using videotape analysis. University of Utah.

Grant, Robert Ellis. A study of change in selected teacher education interns' behavior using videotape recordings. University of Houston.

Gundlach, J. H. The effect of video feedback on learning a motor skill. University of New Mexico.

Hartford, Mary E. Instructional television: A survey of producer knowledge and perceptions of producer-consumer communications patterns and production-television practices in New York State. Syracuse University.

[illegible], Ova Vernon. A comparative analysis of academic taught introductory college geography by closed-circuit television and the classroom-discussion method. University of Oklahoma.

[illegible], William Sylvester Jr. The effect of audiovisual and supplemental media presented via video-taped motion pictures on vocabulary development of ninth grade students. Arizona State University.

[illegible], Thomas Edith. Model testing procedures to implement empirical development of televised art instruction. Pennsylvania State University.

[illegible], Thomas. Suburban adopts a dial-select television system: A study of educational decision-making roles and processes in a suburban community. Columbia University.

[illegible], Pierre. The use of video tape replay in Rogerian Group Centered Counseling. University of Alberta.

[illegible], Arthur O. The description of three exploratory uses of the video tape recorder in christian education. Columbia University.

[illegible], Mary Mary. Relative effectiveness of two television techniques and one large lecture technique for teaching large enrollment college mathematics courses. Ohio State University.

[illegible], Eagle Barry. The effectiveness of a video tape model in developing supportive teacher behaviors. University of Pittsburgh.

[illegible], Helena Frederick. A study of the effect of video tape instant replay on learning gymnastic skills. Boston University.

Tennelson, Constance Grace. A comparisons of the effects of multistage and nonlinear playback of counseling problem counseling sessions on individual and group experience in the counseling practicum. Boston University.

Zeigler, Sherilyn Kay. Attention factors in televised messages: Effects on looking behavior and recall. Michigan State University.

<u>Theses unfilmed</u>

Barbour, Vera M. The effect of teaching beginning college mathematics by television. North Texas State University.

Bell, Perry Otis. A comparative study of on-campus observation by video tape and observation in secondary school classrooms. Texas Technological College.

Black, Dorothy W. Accounting instruction via television from a faculty viewpoint. Pennsylvania State University.

Dallons, Charles. Using commercially-prepared materials in instructional television: A descriptive and critical analysis of the ethical, economic and legal issues in achieving an appropriate balance between and the needs of education and the rights of creators. Michigan State University.

Calkins, Donald. Cognitive dissonance: Effect on cognitive learning when incongruous instructors teach through the medium of television. Denver University.

Chastain, Valeta L. A comparisons of the effectiveness of television, radio and the newspaper in creating public awareness toward education television programming. A. & M. College of Texas.

[illegible], Ronnie. Effect of the variations of visual contrasts on student learning via television. [illegible] State University.

[illegible], Arthur Paul. Experimental use of the video tape recorder as an evaluative instrument and theoretical tool in the supervision of student teachers of physical education. Ohio State University.

[illegible], Patricia. Effects of video-taped feedback and environmental contexts on fear, anxiety, and latency during skill acquisition. Columbia University.

[illegible], Thomas C. Effects of videotaped information-feedback on gross motor learning. Columbia University.

[illegible], Robert. Utilization of television to present verbal information to deaf students. University of Pittsburgh.

[illegible], William B. The effectiveness of television replay as a technique in teaching beginning swimming skills. Brigham Young University.

[illegible], Gerald. A study of the effect of use of the video tape recorder in the teaching of beginning swimming. University of Illinois.

[illegible], Robert Finley. The use of video-tape-stimulated recall in a counseling practicum. Northwestern University.

[illegible], Herbert. Experimental evaluation of video tape as instruction in recreational activities. Iowa State University.

[illegible], David Lesley. Predicting student teacher success with video-taped critical incidents. Texas Technological College.

Bass, James F. Illustrated procedure sheets as a supplement to teaching manipulative operations in graphic arts via video taped closed circuit television. University of Missouri.

Bell, Ronald E. A critical analysis of the development of television for South Vietnam. University of Nebraska.

Johnson, Marjorie Ellen. A seminar using videotaped and interaction analysis as a means of improving supervisory skills of cooperating teachers. Colorado State University.

Kenner, Hiroo. The impact of video feedback on teachers, and student assessment. Ohio State University.

King, Franklin D. A study to ascertain the feasibility of incorporating teleclasses in presenting a teaching methods course. University of Missouri.

Kozlowski, Robert D. A study of the effects of video taping and flanders interaction analysis matrix recording on secondary M. A. T. teaching interns. Duke University.

McFadden, John William, Jr. The effects of videotaped feedback on the verbal behavior of pre-service teachers. University of Florida.

O'Donnell, Lewis B. Determination of optimal angles and distances for viewing alphanumeric characters and patterns on a television receiver. Syracuse University.

Pulvino, Geraldine. The relative effectiveness of two methods of videotape analysis in learning a selected sport skill. University of Iowa.

Searcy, Richard D. An identification of contributing influences on instructional television utilization in selected and commit participating Nebraska school systems. University of Nebraska.

Bitner, Byron. Achievement by correspondence: A comparison of the conventional class approach and of independent study by videotape and supplementary reading. Pennsylvania State University.

Burgess, Richard A. A method of blending theater arts and literary criticism for formal education by classroom instructional television and informal education by public television. Syracuse University.

Bradford, Mary. Instructional television: An analysis of producer-user communications patterns and production selected standards in New York State. Syracuse University.

Smith, O. Paul. Changes in self-actualization and self-concept as a result of the use of visual feedback in assertive sensitivity training. East Texas State College.

Southall, George. An investigation of the problems identifying and relating the cost item variables associated with the use of instructional television in education. (EM-12). Syracuse University.

Stanford, Donald. The effectiveness of video-taping and playback equipment for teaching reading in the secondary school. University of Arizona.

Thatcher, Glen W. An analysis of the effect of video tape recordings for substitute teaching. Southern Illinois University.

Welch, Grace. Guidelines for public television for adults: An analytical study. University of California, Los Angeles.

Wiegand, Gayle B. An immersion training unit featuring the use of a video tape model of supportive and non-supportive teacher behavior. University of Pittsburgh.

Wells, David G. A pilot study proposal for the use of electroencephalography with the kinesthetic aversive conditioning aversive stimulus in the presentation of pronominal foreign language sentences. Ohio State University.

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Theses completed

August, Linda. A study of the effects of a physical education program on reading readiness, visual perception and perceptual-motor development in kindergarten children. New York University.

Bachman, Merle Wayne. The effects of group counseling upon visual perception and its relationship to other forms of perception. North Texas State University.

Blewett, Edward E. Development of a test to measure the visualization of three dimensional orthographic shape. University of Connecticut.

Brown, Mary Rose. The relationship of detail in visual illustrations to effective learning: An experiment in elementary school social studies. University of Texas.

Brubaker, Robert Dale. Instrumentation for the measurement of eye movement response to multimedia. University of Wisconsin.

Brune, John Lawrence. The Frostig Program for the development of visual perception in relation to visual perception ability and reading ability. University of Southern California.

Brown, Louie John. A comparison of techniques for increasing attending to visual stimuli in classrooms for children with mental retardation. Florida State University.

Bullough, Barbara Tarman. Evaluation of visual processes as a method of accommodating individual differences in high school students. University of Utah.

Chalmers, Freda Rose. The effect of selected Frostig visual perception units on first grade children's achievement in the science curriculum improvement study unit material objects. New York College at Buffalo.

Chase, John Percy Jr. A relative study in the Percy Hardy school system. University of Alabama.

Cox, C. A. Brethower. Remediating visual perceptual skills in lower socio-economic children. Arizona State University.

Craig, Julia Turner. Classroom conditioning of visual orientation in non-attentive deaf children. University of Pittsburgh.

Cromwell, Eleanor Cary. Some effects of specialized training on responses of the perceptual field. University of Florida.

Curtis, William J. An analysis of the relationship of discrimination and task in picture-story books as indicated by the oral responses of young children. Wayne State University.

Dinsmore, Esther C. Form discrimination: The spatial relationships between a standard and comparison figure. Columbia University.

Goodfriend, Bonnie Stephanie. Training efforts with four-year-old children in visual perceptions tasks. Columbia University.

Green, George. Visual perception and visually directed motor control in Cerebral Palsy. Temple University.

Jovanovic, Pamela F. *Developing aesthetic and creative visual abilities in kindergarten children through a structured developmental art program.* University of Georgia.

Osmond, David Lee. *A study of dynamic visual acuity and motor skill relationships using contact projected media.* University of Southern California.

Riggins, Thomas E. *Selected modes of pictorial production and associated response tendencies.*

Goodman, J. G. *Children's spatial representations of directional movement and figure orientations along horizontal and vertical dimensions.* University of Toronto.

Rich, Glenda Baton. *The performance of advantaged and disadvantaged preschool children on tests of picture-phoneme discrimination and picture-word recognition skills.* University of Illinois.

Copeland, William F. *Single versus multiple cues on picture word learning in first grade.* Arizona State University.

Brown, Stewart Duane. *Art, technology and visual illusion.* Columbia University.

Holmes, Summers Gaye. *Effects of type and duration of visual stimulation on children's motor task response speeds.* University of Iowa.

Lanagan, Sue Anthony. *Visual, tactual and motor performance in retarded children.* Texas Tech University.

Ligon, Edward David. *The effect of a physical education program to develop directionality of movement on perceptual-motor development, visual perception, and reading readiness of first grade children.* Texas Tech University.

Reid, Joel Edward. An upward procedure for assessment of subjective visual acuity in pre-verbal children. Indiana State University.

Reinhart, G. Byron. Investigation of perceptual variables of perceptual criteria associated with reading. University of Washington.

Reiss, Harold F. An analysis, synthesis, and application of selected research findings in visual design and presentation to the visual specialist. University of Minnesota.

Renn, William Allen. Discrimination of selected color combinations for partially seeing children. University of Southern California.

Rio, Helen Bryant. Nature's procedure for design: a photographic analysis. University of Georgia.

O'Brien, Dorlene Regina. Variables of perception in selected traditional reading programmatic concrete visual stimuli. University of Florida.

O'Brien, Kenneth. Eye movements: their relationship to the development of concepts of length, area and selected quantity. University of Alberta.

Pascale, Mario Anthony. The effect of a visual-motor integration training program on beginning writing skills of kindergarten children. Columbia University.

Patterson, Miles V. Imagery characteristics as related to picture word stimulus variables and presentation rates in paired-associate learning. Michigan State University.

Perrin, Donald George. A history and analysis of simultaneous projected images in educational communication. University of Southern California.

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Pufahl, Virgil Donald. Relative educational effectiveness of printed instructional material containing phonetic and schematic graphic illustrations. Arizona State University.

Rice, William. On the attainment of reading readiness, visual perception, and science process skills in kindergarten children. New York College at Buffalo.

Rutschling, Paul. The influence of drive on temporal-gestalt response to visual stimuli. New York University.

Siddonius, Donald Harold. Transfer of attention control from visual stimuli to verbal instructional stimuli. University of Illinois.

Smith, George Peabody. The relationships among selected variables of creative thinking and visual, auditory, and tactual sensory perception. North Texas State University.

Smith, James David. The impact of visual symbols in the environment on selected teen-ager and suburban school populations. University of Oregon.

Souder, Marjorie Ann. A study of the visual and perceptual maintenance of space perception and movement. University of Wisconsin.

Stanton, Floyd. Measurement of perceptual rotations of visual stimuli. Utah State University.

Swanson, Ezra Francis Jr. The effects of two types of visual sensory input serving to provide knowledge of results in the task-completion phase of instruction on the learning of a selected gross motor skill. University of Tennessee.

Brown, Richard Allen. The use of a visual perceptual device in reading the Bender-Gestalt. Florida State University.

Bullens, Donald. A study of the relationship of selected visual perceptual capabilities and intelligence to achievement in reading of educable mentally retarded children. University of Oregon.

Nelson, Darrel. Phonemic and visual coding in short-term memory. Purdue University.

Rothberg, Joseph S. The use of visual advance organizers for learning earth science concepts. Columbia University.

Smallman, Eleanor Purcell. An analysis of selected factors of an exploratory art program with emphasis on visualization. Penna Technological College.

Stevenson, Hallie. Influence of stereoscopic depth perception training & level of stereopsis upon accuracy in anticipating the landing point of moving objects in 3-dimensional space. University of Minnesota.

Theses underway

Burrows, Doris Mayer. The effects of group counseling upon visual perception and the relationship to other forms of perception. North Texas State University.

Bingham, Joan. An analysis of the pictorial treatment of Negro characters found in children's picture books 1939-1968. Michigan State University.

Blake, Marion. A theoretical presentation of tasks in visual perception and their relationship to reading performance. State University of New York at Buffalo.

Baines, Shirley Lee. A strategy for developing perceptual growth through art for rural disadvantaged seventh grade children. University of Georgia.

Buchanan, Edith. The relationship between affective behavior, patterns of movement, body image, and style of visual perception in four year old children. University of California, Los Angeles.

Chan, Hap Lee Tang. An investigation of efficiency of eye movement in first and second grade children across methods of teaching reading. University of Colorado.

Clemens, Deborah P. Error and correction of error in visual-motor form perception and oral reading. Columbia University.

Clark, Gilbert A. Jr. An investigation of children's ability to formulate and generalize visual concepts from visually complex stimuli. Stanford University.

Fleishmann, Ralph Henry. The development and standardization of a picture self-concept test for use with male children of conventional age. Catholic University of America.

Glass, Margaret G. A comparison of the readiness test performance of a group of educable mentally retarded children instructed on prescribed visual-motor perceptual tasks with the performance of a comparable group receiving no prescribed instruction. University of Georgia.

Lacost, Donald W. The media specialist and problems related to the coordination of the design and production of visual messages. University of Nebraska.

Lehe, A. B. The development and utilization of a picture instrument in public school test assessment. University of Idaho.

Hatch, Don E. The effect of group counseling on visual imagery for junior level secondary students. North Texas State University.

Hauser, Don. The effects of visual perception training upon reading achievement at the end of first grade. University of Wisconsin.

Hilbig, Charles Kenneth. The relationship of selected factors associated with middle-class oriented reading materials and the preferences of socio-economic groups for pictorial representations and story themes. North Texas State University.

Patterson, Wilma L. Imagery characteristics as related to picture-word stimulus variables and presentation rates in paired-associate learning. Michigan State University.

Quann, William Lawrence. The relationship of visual perceptual capabilities as measured by the perception of traffic hazards test and behavioral categories as measured by the Vasa Inventory. Michigan State University.

Reese, Elizabeth. A developmental study in drawing and perception. Pennsylvania State University.

Schirmer, Howard W. A comparison study to determine the effect on student learning of still visuals used for reinforcement of an educational television lesson. Syracuse University.

Seaman, Anne C. Achromatic versus chromatic color responses of advantaged and disadvantaged children. Florida State University.

Silberman, Breanne Kramer. A comparison of selected aspects of visual functioning in deaf and hearing children. Columbia University.

Tuccio, Frederick D. Jr. A study of the effect of instruction in visual composition on organization in written composition in Grade III. Syracuse University.

Wenet, Stanley F. Linguistic structure and visual attention in reading. Cornell University.

Weisberg, Joseph S. The use of visual advance organizers for learning earth science concepts. Columbia University.

Wolfe, Ian. The effects of space visualization training on spatial ability and arithmetic achievement of junior high school students. State University of New York at Albany.